



FRAME YOUR FUTURE
WITH A GREAT CAREER

Construction Technology

[CARPENTRY]

WASHBURN TECH
UNIVERSITY

If you want a career that is hands-on, challenging and driven by deadlines, construction technology or carpentry might be made for you. A construction trades technician works on both commercial and residential projects. Our program prepares you in several different areas, from surveying and concrete work to drywall and framing.

LEARNING AT WASHBURN TECH

This program covers basic theory and hands-on experience in carpentry, framing and masonry. Instruction includes floor, wall, ceiling and roof framing. You also will learn about the installation of windows and doors. Attending half-day, you can complete the program in two semesters and earn a 25-credit-hour technical certificate.

JOB AND SALARY OUTLOOK

Employment is expected to grow much faster than average for construction carpenters. According to the Kansas Department of Labor, the average salary for a construction laborer is \$25.95 an hour or \$53,968 annually, and the average experienced salary is \$35.85 an hour or \$74,578 annually. The estimate average salary for St. Louis-Kansas City Carpenters Regional Council employees is around \$35 per hour. The highest earners in the top 75th percentile are paid more than \$40 per hour.

ENTRY REQUIREMENTS

For dual-credit high school students submission of an application, official partial transcript, and consent to enroll form are required. Adult students must complete an application and submit an official copy of all transcripts. Please see an admissions counselor for details.

CERTIFICATIONS

- + OSHA-30 Construction
- + NCCER Core
- + NCCER Carpentry I

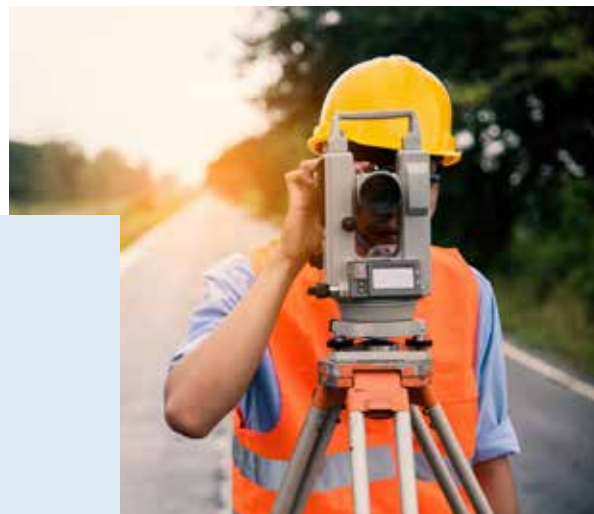
Build your best self.

TALK TO AN ADMISSIONS
COUNSELOR TODAY!

785.670.2200

CAREERS IN CONSTRUCTION »

- + drywall
- + floor installer
- + framer
- + educator
- + building carpenter
- + commercial carpenter
- + counter installer
- + building inspector



Construction Technology

COURSE DESCRIPTIONS

INTRODUCTORY CRAFT SKILLS

Covers shop and job site safety, tool safety, personal protective devices, protective railings, proper storage and handling of construction materials and construction drawings.

OSHA - 30 Hour Const Ind Cert

Covers basic OSHA regulations and safety.

CONSTRUCTION BASICS

Covers the history of the construction trade, building materials, different fasteners and adhesives, hand and power tools and reading plans and elevations.

CONCRETE

Introduces the student to the fundamentals of masonry/concrete work. The student will have the opportunity to gain practical knowledge of masonry as a trade, develop skills in the use of the tools, equipment, materials, and techniques used in construction.

CARPENTRY I

Prepares individuals for entry-level positions on project sites by providing instruction and hands-on training for an orientation to the carpentry trade, building materials and fasteners, construction plans & documents, and site and building layout.

CARPENTRY II

Prepares individuals for positions on project sites by providing instruction and hands-on training on the components and construction systems for floors, walls, roof framing, stairs, and building envelope.

BASIC ELECTRICAL FOR CARPENTERS

This basic electrical course is designed specifically for carpenters, providing fundamental electrical knowledge essential for job site safety, rough-ins, and coordination with electricians. Using the NCCER Electrical Level 1 curriculum, students will gain a working understanding of electrical systems, tools, and best practices while applying hands-on skills in a controlled lab environment.

The Washburn Tech Construction Technology program is in alignment with the National Center for Education Statistics (NCES) CIP Code 46.0201: Carpentry/Carpenter. A program that prepares individuals to apply technical knowledge and skills to lay out, cut, fabricate, erect, install, and repair wooden structures and fixtures, using hand and power tools. Includes instruction in technical mathematics, framing, construction materials and selection, job estimating, blueprint reading, foundations and roughing-in, finish carpentry techniques, and applicable codes and standards.



APPLICATION CHECKLIST



**SUBMIT
APPLICATION**



**MEET WITH
ADMISSIONS**



**SUBMIT
TRANSCRIPT(S)**



**ENROLL IN
CLASSES**

2026-2027 PROGRAM COSTS (Estimated)

	HIGH SCHOOL	ADULT
Tuition	\$0	\$4,275
All other fees	\$176	\$1,091
TOTAL	\$176	\$5,366

ADDITIONAL CHARGES (Estimated)

	HIGH SCHOOL	ADULT
Tools/Books	\$0	\$0

MORE INFO »

For more programs, enrollment and course schedule information, please contact Admissions. Financial Aid is available to those who qualify.

CALL 785.670.2200

TO TALK W/ ADMISSIONS COUNSELOR